

206645US-0

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :

TAKAO NOGUCHI ET AL

: EXAMINER: SONG, M. J.

SERIAL NO: 09/842,802

:

FILED: APRIL 27, 2001

: GROUP ART UNIT: 1765

FOR: MULTILAYER THIN FILM, AND :  
ITS FABRICATION PROCESS AS  
WELL AS ELECTRON DEVICE

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JAN 30 2003

TC 1700

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Responsive to the Official Action of October 30, 2002, please amend the above-  
identified application as follows:

IN THE CLAIMS

Please amend Claims 1, 5 and 7 as in the attached marked-up copy to read as follows:

50C1  
B1  
1. (Twice Amended) A multilayer thin film formed on an Si substrate by epitaxial  
growth, which comprises:

a buffer layer formed on said Si substrate, which buffer layer includes an oxide thin  
film of zirconium or of a rare earth element,

a perovskite oxide thin film formed on said buffer layer, which film has a (100) or  
(001) orientation, and

Docket No. 206645US0

IN RE APPLICATION OF: Takao NOGUCHI, et al.

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FOR: MULTILAYER THIN FILM, AND ITS FABRICATION PROCESS AS WELL AS ELECTRON DEVICE



1765

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

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- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: Marked-Up Copy

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	9	MINUS	20	0	x \$18 =	\$0.00
INDEPENDENT	1	MINUS	3	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

☐ A check in the amount of \$0.00 is attached.

☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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